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February 1964

PHOTOGRAPHIC INTERPRETATION REPORT

OAK - PART I  
MISSION 1004-2  
19-22 FEBRUARY 1964

DECLASSIFICATION REVIEW BY NIMA / DoD



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## OAK - PART I

### MISSION 1004-2

#### PREFACE

THIS IS THE FIRST OF AN ESTIMATED TWO DAILY OAK REPORTS BASED ON MISSION 1004-2 AND DEALING WITH THE HIGHEST-PRIORITY INTELLIGENCE ITEMS APPEARING IN THE COMOR TARGET LIST. THIS REPORT, COVERING THE OAK REPORTING PERIOD 0800 TO 1500, 27 FEBRUARY 1964, PRESENTS INFORMATION ONLY ON THOSE COMOR TARGETS OBSERVED ON THE PHOTOGRAPHY. COMOR TARGETS NOT OBSERVED OR NOT COVERED BY MISSION 1004-2 WILL BE LISTED IN THE FINAL OAK REPORT ON THIS MISSION.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT, AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. ALL TARGETS IN THIS REPORT ARE LOCATED IN THE USSR UNLESS OTHERWISE INDICATED.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESES AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64.

SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUDS), SD (SEMIDARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY FROM MISSION 1004-2 IS BEING ACCOMPLISHED IN A SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL EQUIPMENT COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, FUTURE, DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

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HIGHLIGHTS

25X1A

1. TYURATAM MISSILE TEST CENTER [REDACTED]  
THE CENTER WAS COVERED BY GOOD QUALITY CLOUD-FREE PHOTOGRAPHY.  
CHANGES ARE EVIDENT AT ALL LAUNCH AREAS EXCEPT AREAS E AND F.  
READOUT WILL BE INCLUDED IN OAK, PART II.



25X2

STATUS OF COMOR TARGET READOUT

A TOTAL OF 50 COMOR TARGETS WERE OBSERVED IN THE CURRENT REPORTING PERIOD AND ARE COVERED BY THIS REPORT.

4  
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25X1A

MISSILES

[REDACTED] SVOBODNY ICBM COMPLEX 5146N 12807E

NO SIGNIFICANT CHANGES IN COMPLEX SUPPORT FACILITY, RAIL-TO-ROAD TRANSFER POINT, LAUNCH AREAS A (SITE 3), B (SITE 1), C (SITE 2), E (SITE 6), G (SITE 7), AND UNIDENTIFIED ACTIVITY BETWEEN E (SITE 6) AND G (SITE 7).

NO APPARENT CHANGE IN LAUNCH AREA F (SITE 5) EXCEPT FOR POSSIBLE VEHICLES IN FRONT OF THE RIGHT MISSILE-READY BUILDING AND ACTIVITY, INCLUDING 2 POSSIBLE VEHICLES, ON THE LEFT PAD.

LAUNCH AREA H (SITE 8), A TYPE IID SITE, IS COMPLETE. ALL BUILDINGS ARE PRESENT. ERECTORS/SHELTERS ARE DISCERNIBLE ON THE PADS.

LAUNCH AREA D (SITE 4), A TYPE IID SITE, IS COMPLETE. ALL BUILDINGS ARE PRESENT. TRACK ACTIVITY IS VISIBLE AT BOTH PADS.

25X1D

NO ABM ACTIVITY DETECTED WITHIN 50-NM RADIUS OF THE COMPLEX. APPROXIMATELY 90 PERCENT OF THE AREA WAS COVERED BY PHOTOGRAPHY.

25X1A

[REDACTED]  
[REDACTED] NOVOSIBIRSK ICBM COMPLEX 5516N 08257E

25X1D

[REDACTED] NO APPARENT CHANGE SINCE [REDACTED]

[REDACTED] NO ABM ACTIVITY OBSERVED IN WESTERN HALF OF SEARCH AREA.

[REDACTED] 25X1D

[REDACTED] TALLINN SUSPECT SSM AREA 5924N 02444E

[REDACTED] NO SSM ACTIVITY OBSERVED IN CLEAR AREAS OF EASTERN QUADRANTS.

[REDACTED] THESE QUADRANTS WERE NEGATED ON [REDACTED]

25X1D

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25X1D

25X1A

LENINAKAN/YEREVAN SUSPECT MRBM AREA 4048N 04350E  
NO MRBM ACTIVITY OBSERVED IN CLOUD-FREE AREAS WITHIN  
A 25-NM RADIUS. WESTERN PORTION OF SEARCH AREA IS  
CLOUD COVERED.  
AREA CAN NOT BE NEGATED.

25X1D

JONAVA MRBM LAUNCH SITE 5501N 02414E  
NO HARDENED SSM LAUNCH AREAS OF KNOWN CONFIGURATION  
WITHIN SEARCH AREA.  
AREA CAN BE NEGATED.

25X1D

VORU MRBM LAUNCH SITE 2 5749N 02650E  
NO ADDITIONAL SSM ACTIVITY OBSERVED IN CLOUD-FREE  
PORTIONS WITHIN 25-NM RADIUS.  
AREA CAN NOT BE NEGATED.

25X1D

VEPRIAI MRBM LAUNCH SITE 5508N 02438E  
NO HARDENED SSM LAUNCH AREAS OF KNOWN CONFIGURATION  
OBSERVED WITHIN THE SEARCH AREA.  
AREA CAN BE NEGATED.

25X1D

SIMUNA MRBM LAUNCH SITE 5908N 02626E  
NO HARDENED SSM LAUNCH SITES OBSERVED IN CLOUD-FREE  
PORTIONS WITHIN 25-NM RADIUS.

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AREA CAN NOT BE NEGATED.

25X1A

25X1D

YEREVAN SUSPECT MRBM AREA 4011N 04430E

NO MRBM ACTIVITY OBSERVED IN CLOUD-FREE AREAS WITHIN A 25-NM RADIUS. SEARCH AREA IS 75 PERCENT CLOUD COVERED.

AREA CAN NOT BE NEGATED.

25X1D

NOVOSYSOYEVKA IRBM LAUNCH SITE 2 4407N 13327E

GOOD QUALITY PHOTOGRAPHY REVEALS THAT THE LAUNCH SITE IS IN A MID-STAGE OF CONSTRUCTION RATHER THAN LATE TO COMPLETE AS REPORTED ON [REDACTED]

25X1D

NO ADDITIONAL MRBM/IRBM SITES OBSERVED WITHIN THE SEARCH AREA.

25X1D

TSIRGULIINA MRBM LAUNCH SITE 5749N 02612E

SITE APPEARS COMPLETE. NO SIGNIFICANT CHANGE IN FACILITIES. NO ADDITIONAL SSM ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS WITHIN A 25-NM RADIUS.

AREA CAN NOT BE NEGATED.

25X1D

UKA/PESCHANY MISSILE TRACKING STATION 5756N 16201E

UKA AND EAST COAST ARE CLOUD COVERED. ABOUT 50 PERCENT OF SEARCH AREA IS CLOUD FREE. NO CHANGES IN FACILITIES SIMILAR TO THOSE AT SARY-SHAGAN OBSERVED IN CLOUD-FREE AREAS.

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TOP SECRET CHESS RUFF

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25X1D

25X1A

ZAGORSK ROCKET ENG TEST FACILITY KRASNOZAVODSK 5627N 03812E  
IDENTIFICATION ONLY.

25X1D

KRASNOYARSK EXPLOSIVES PLANT ZLOBINO 5602N 09303E  
IDENTIFICATION ONLY.

25X1D

KUYBYSHEV AIRFRAME PLANT STALIN 1 5313N 05018E  
NO UNUSUALLY LONG RAILROAD CARS DISCERNIBLE.  
RAILROAD CARS OF UNDETERMINED SIZE OBSERVED IN  
THE RAIL YARD NORTH OF THE PLANT. A 300 BY 300 FT  
BUILDING HAS BEEN BUILT ON THE EAST SIDE OF THE  
PLANT ON THE FORMER SITE OF THE AIRCRAFT TEST  
REVELEMENT.

A WALL HAS BEEN BUILT ACROSS THE PARKING RAMP USED  
JOINTLY BY PLANT 1 AND AIRFRAME PLANT LENIN 18  
PREVENTING THE PASSAGE OF AIRCRAFT AND SUGGESTING A  
SEPARATION OF THE FUNCTIONS AT THE PLANTS.

NO AIRCRAFT OR INDICATION OF MISSILE--RELATED ACTIVITY  
OBSERVED.

25X1D

RYBINSK AIRCRAFT ENGINE PLANT 36 5803N 03849E

SEARCH AREA 80 PERCENT HAZE AND CLOUD-COVERED. NO  
ROCKET ENGINE TEST FACILITY OBSERVED IN CLOUD-FREE  
AREAS WITHIN 35-NM RADIUS.

AREA CAN NOT BE NEGATED.

25X1D

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TOP SECRET CHESS RUFF

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25X1A

KUBYSHEV AIRFRAME PLANT LENIN 18 5313N 05019E

AN APPROXIMATELY 400 X 100 FT EXTENSION HAS BEEN  
ADDED TO A SHOP BUILDING.

AIRCRAFT -- 7 BEAR/CLEAT, ONE MEDIUM SWEEP-WING  
UNIDENTIFIED AIRCRAFT, AND 14 SMALL STRAIGHT-WING  
AIRCRAFT OBSERVED ON THE PARKING APRON ADJACENT TO  
PLANT 18.

25X1D

OLSZTYN SUSPECT SAM AREA (POLAND) 5347N 02029E

NO SAM ACTIVITY OBSERVED WITHIN A 25-NM RADIUS.  
HEAVY SNOW COVER LIMITS INTERPRETATION.

25X1D

PISZ SUSPECT SAM AREA (POLAND) 5337N 02140E

NO EVIDENCE OF SAM ACTIVITY WITHIN A 25-NM RADIUS.  
SEARCH IS LIMITED EAST OF CITY BY SNOW COVER, HAZE AND  
OBLIQUITY.

25X1D

SEVERODVINSK NAVAL BASE AND SHIPYARD 402 6434N 03949E

NO SUBMARINES OR FACILITIES DEVOTED TO CONSTRUCTION  
OF NUCLEAR SUBMARINES OBSERVED.

HARBOR FROZEN.

VESSELS -- 2 OCCUPIED LARGE FLOATING DOCKS AND 10  
DESTROYERS/DESTROYER ESCORTS.

25X1D

VLADIMIR SUBMARINE BASE 4355N 13528E

IDENTIFICATION ONLY.

TOP SECRET CHESS RUFF

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25X1D

25X1A

[REDACTED]  
PETROVKA SHIPYARD 4307N 13220E  
CONSTRUCTION CONTINUES IN SUPPORT AREA.  
HARBOR FROZEN.  
VESSELS -- NUMEROUS UNIDENTIFIED VESSELS.

[REDACTED] 25X1D

STRELOK STRAIT NAVAL BASE ANNA 4252N 13232E

NO APPARENT CHANGE IN NAVAL BASE OR MISSILE  
FACILITIES SINCE [REDACTED]

25X1D

HARBOR FROZEN.

VESSELS -- ONE PROBABLE MERCHANT SHIP AT NORTHERN  
PIER AND ONE POSSIBLE MEDIUM F/Z CLASS SUBMARINE  
APPROXIMATELY 295 FT OVERALL AT SECOND PIER FROM  
NORTH.

[REDACTED] 25X1D

ABREK BAY NAVAL MISSILE SUPPORT FACILITY 4255N 13225E

NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D

25X1D

VESSELS -- ONE CRUISER IN BAY, ONE CRUISER AT PIER ON  
EAST BANK, 4 DESTROYERS AND ONE PROBABLE DESTROYER AT  
NORTH PIER ON EAST BANK, AND A PROBABLE PATROL CRAFT  
AT SOUTH PIER ON EAST BANK.

[REDACTED] 25X1D

DUNAY PROBABLE NAVAL MISSILE STORAGE 4256N 13220E

NO NAVAL VESSELS OR NEW SUBMARINE BASES OBSERVED  
WITHIN 50-NM RADIUS EAST OF DUNAY. WESTERN HALF OF  
SEARCH AREA NOT COVERED.

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25X1D

25X1A

ANTIPINSKOYE SAM ACTIVITY 5254N 11332E

NO SIGNIFICANT CHANGE SINCE

25X1D

25X1D

TAPA EARLY WARNING RADAR SITE 5919N 02600E

NO SIGNIFICANT CHANGE IN ELEVATED RADAR POSITIONS,  
CONTROL BUNKER, OR SUPPORT AREA.

HEAVY SNOW COVER PRECLUDES DETAILED INTERPRETATION.

25X1D

DAHSHUR SAM TRAINING AREA (EGYPT) 2948N 03111E

NO SIGNIFICANT CHANGE SINCE

25X1D

25X1D

DUMYAT (DAMIETTA) SUSPECT SAM AREA (EGYPT) 3125N 03148E

A SEARCH OF THE CLOUD-FREE PORTIONS OF THE WESTERN  
HALF OF THE SEARCH AREA REVEALS NO SAM ACTIVITY.  
AREA IS 40-60 PERCENT CLOUD-COVERED. EASTERN HALF OF  
SEARCH AREA IS NOT COVERED.

25X1D

ARKHANGELSK POSSIBLE ASM SUPPORT FACILITY 6421N 04043E

CONSTRUCTION STATUS AND FUNCTION OF AREA AT EASTERN  
END OF RUNWAY COULD NOT BE DETERMINED DUE TO SNOW  
COVER.

AIRCRAFT -- 5 MEDIUM SWEPT-WING AND AT LEAST 26  
UNIDENTIFIED MEDIUM/SMALL AIRCRAFT.

25X1D

[REDACTED]

25X1A

AIR FACILITIES

DOLON AIRFIELD 5032N 07912E

AIRCRAFT -- 18 POSSIBLE BEAR, 18 LARGE SWEPT-WING, 5 MEDIUM SWEPT-WING, AND 4 POSSIBLE UNIDENTIFIED STRAIGHT-WING.

NO APPARENT CHANGE IN ASM FACILITIES SINCE MISSION

[REDACTED]

25X1D

SIAULIAI AIRFIELD 5553N 02323E

NO APPARENT CHANGE SINCE [REDACTED]

25X1D

AIRCRAFT -- 11 LARGE SWEPT-WING AND POSSIBLY 3 MEDIUM SWEPT-WING ON HARDSTANDS ALONG LOOP TAXIWAY, 27 FIGHTER-TYPE ON PARKING APRON WEST OF RUNWAY, AND 34 STRAIGHT-WING IN FENCED AREA NW OF RUNWAY.

[REDACTED]

25X1D

MINSK/MACHULISHCHE AIRFIELD 5347N 02734E

STATUS OF RUNWAY CONSTRUCTION IS UNDETERMINED, HOWEVER THE RUNWAY AND THE CONSTRUCTION AREA AT ITS SOUTH END (APPROXIMATELY 1,600 X 200 FT) ARE CLEARED OF SNOW.

AIRCRAFT -- 19 MEDIUM SWEPT-WING AND APPROXIMATELY 45 SMALL POSSIBLE AIRCRAFT.

[REDACTED]

25X1D

ORSHA AIRFIELD SOUTHWEST 5426N 03018E

NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]  
[REDACTED] RUNWAY CLEARED OF SNOW.

25X1D

25X1D

TOP SECRET CHESS RUFF

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AIRCRAFT -- 27 PROBABLE BADGER.

25X1A

25X1D

ANISOVO GORODISHCHE AIRFIELD 5414N 03422E

AIRCRAFT -- 23 UNIDENTIFIED SWEEP-WING AIRCRAFT ON  
HARDSTANDS, PARKING APRON, RUNWAY, AND TAXIWAY.

25X1D

ARTEM AIRFIELD NORTH 4323N 13209E

NO APPARENT CHANGE SINCE [REDACTED] IN ASM  
FACILITIES.

25X1D

RUNWAY IS CLEARED OF SNOW.

AIRCRAFT -- 30 UNIDENTIFIED MEDIUM AIRCRAFT.

25X1D

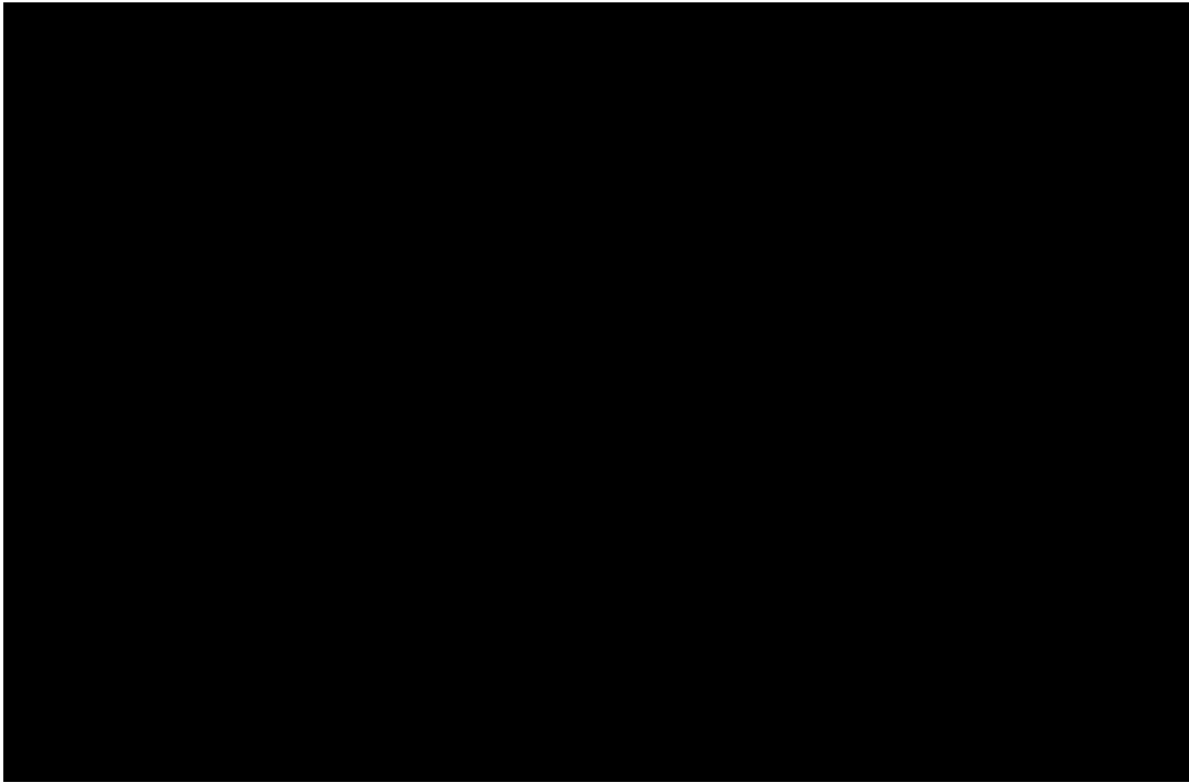
25X2

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25X1A

NAVAL ACTIVITY/PORTS

PECHENGA NAVAL BASE LINAKHAMARI 6939N 03122E

NO APPARENT CHANGE IN FACILITIES SINCE

25X1D

25X1D

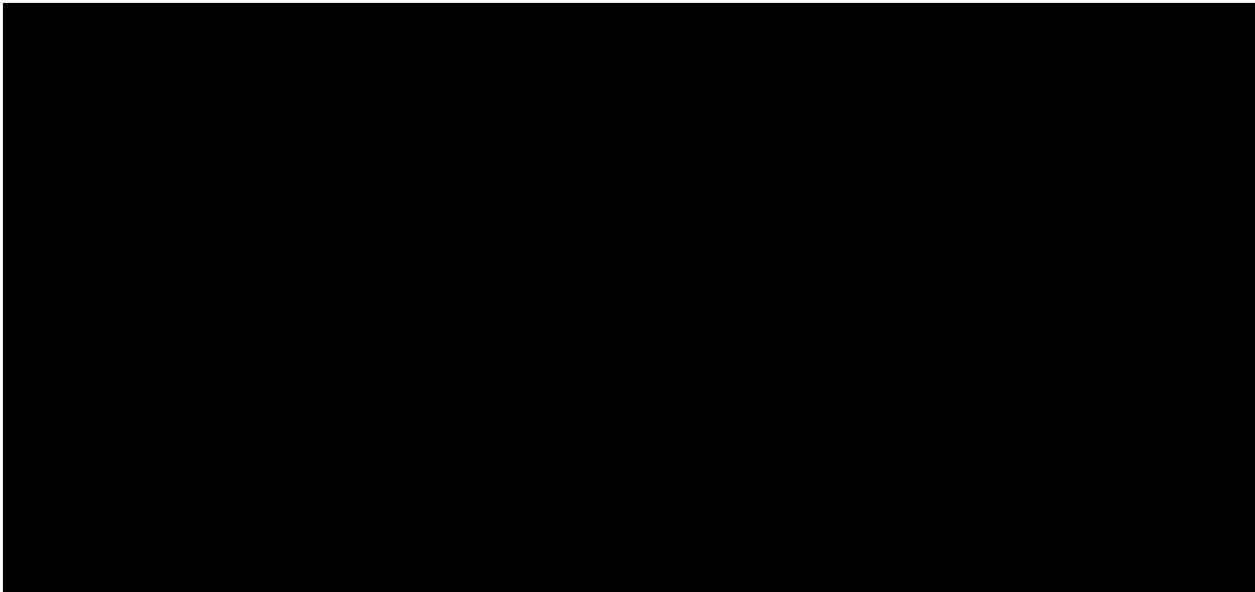
VESSELS -- 5 PROBABLE MINOR SURFACE COMBATANTS. NO  
SUBMARINES DISCERNIBLE.

25X1D

TOP SECRET CHESS RUFF

25X2

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25X1A

OTHER ACTIVITY

LOP NOR CIRCULAR GROUND SCAR (CHINA) 4045N 08940E

THE AREA OF THE CIRCULAR GROUND SCAR IS 90 PERCENT  
CLOUD COVERED. NO APPARENT CHANGE IN THE 2 AREAS  
OF ACTIVITY REPORTED ON [REDACTED]

25X1D

[REDACTED]

25X1D

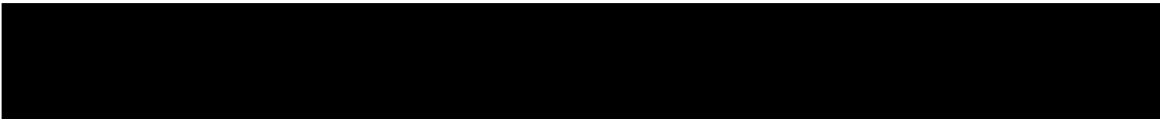
JAO-HO NATL DEF LINE CONSTR (CHINA) 4713N 13343E

NO NEW CONSTRUCTION OR EVIDENCE OF TROOP  
CONCENTRATIONS, FIELD FORTIFICATIONS, OR OTHER TYPES  
OF MILITARY BUILDUP OBSERVED IN BORDER AREA.

25X2

[REDACTED]

25X1D



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NPIC R-155 64  
ATTACHMENT 3



AKAMARU ISLAND, GAMBIER ISLANDS, TUAMOTU ARCHIPELAGO.

TOP SECRET CHESS RUFF